

APPROPRIATIONS REQUEST FORM OREGON HOUSE DELEGATION FISCAL YEAR 2010

DEADLINE FOR SUBMISSION: FEBRUARY 13, 2009

PLEASE NOTE: As required by the House Appropriations Committee, all requests will be made public on the requesting Member's website.

1. Project Title:

Renewable Energy Technology Accelerator

2. Organization Name and address:

NXergy, Inc., 12725 SW Millikan Way, Suite 101, Beaverton, 97005

3. Primary Contact name, phone number, mobile phone number, fax number & email:

Mark Paul

503-690-8720

mark.paul@nxergy.com

4. Project Location Address (if different from Organization):

5. Please describe the requesting organization's main activities, and whether it is a public, private non-profit, or private for-profit entity:

Private for-profit entity: Although we would consider a non-profit status, if required.

6. Briefly describe the activity or project for which funding is requested (please keep to 500 words or less.)

Provide funding for a renewable energy technology accelerator: An entity that locates, funds, develops and commercializes renewable energy technologies and companies – to help utilities, power project developers and other energy industry companies implement green-tech solutions that otherwise would not be available to them. The focus is helping them meet the increased demands from the rapidly-growing electric car market, existing and new renewable portfolio standards and existing and new cap & trade requirements.

The net result of the Accelerator includes: More high-paying jobs, importing funds, companies, technologies and spin-outs from outside Oregon.

7. Has this project received federal appropriations funding in past fiscal years?

No.

7a. If yes, please provide fiscal year, Department, Account, and funding amount of any previous funding.

8. Federal agency and account from which funds are requested (Please be specific – e.g. Department of Housing and Urban Development, Economic Development Initiatives account):

Department of Energy

9. What is the purpose of the project? Why is it a valuable use of taxpayer funds? How will the project support efforts to improve the economy and create jobs in Oregon? How will the funds be spent? Please provide a detailed description of how the funds will be used and indicate whether funds will go toward construction, planning, or programming.

The purpose of this appropriations bill request is to stimulate economic development through clean-tech commercialization and energy independence efforts.

Although a small portion will go toward the development and initial operations of NXergy, the majority will be invested in technologies and companies that promise innovative solutions to move toward lower-carbon emissions power production. Based on extensive interviews with executives from power producers, the following areas are to be addressed:

- => High-density energy storage (including battery technologies)
- => Smart-grid
- => "Pre-plug" Energy efficiency
- => Distributed generation
- => Low / no-carbon energy production

Anticipated amounts to be invested - for each area & phase include:

	<i>\$s in millions</i>						
	<u>Organizational</u>	<u>Research</u>	<u>Development</u>	<u>Commercialization</u>	<u>Scalability</u>		
Operations	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$ 0.50	\$	2.50
High-density energy storage		\$ 1.50	\$ 1.50	\$ 2.00	\$ 3.00	\$	8.00
Smart-grid		\$ 1.00	\$ 1.50	\$ 2.00	\$ 3.00	\$	7.50
"Pre-plug" Energy efficiency*		\$ 1.00	\$ 1.50	\$ 2.00	\$ 3.00	\$	7.50
Distributed generation		\$ 1.00	\$ 1.50	\$ 2.00	\$ 3.00	\$	7.50
Low / no-carbon energy production		\$ 2.00	\$ 3.00	\$ 5.00	\$ 7.00	\$	17.00
	\$ 0.50	\$ 7.00	\$ 9.50	\$ 13.50	\$ 19.50	\$	50.00

A portion will go to all three: Planning & programming near-term and construction, long-term.

The focus of NXergy is to bring clean-tech companies and jobs to Oregon. Currently, it is planned that 18 *companies* will be created over the next ten years, with half in the next five years. For 2010 funding, companies would be created within the first year.

In total, companies created as a result of NXergy's efforts could yield over 10,000 jobs as described on the following page:

NXergy, Inc. <i>Potential new companies & jobs</i>								
POTENTIAL NEW COMPANIES	2011	2012	2013	2014	2015	2016	2017	2018
Total new companies projected	2	2	2	3	2	2	3	1
Small (50 - 250 people)	2			3		2	2	
Medium (250 -500 people)		2			2		1	
Large (1000 - 2500 people)			2			1		1
Cumulative	2	4	6	9	11	14	17	18
Total new jobs projected	300	750	3,500	450	750	2,050	675	1,750
Cumulative	300	1,050	4,550	5,000	5,750	7,800	8,475	10,225

Since NXergy is looking for headquarters to locate in Oregon (to help build the critical mass in clean-tech, ala Seattle / Bellevue and the Silicon Valley), the types of jobs include executive, technology, engineering, production & manufacturing jobs.

**10. Have you requested funding for this project from other Members of Congress?
If so, who?**

Appropriations requests have been submitted to Senator Wyden's office.

11. Funding Details:

a. Total project cost (all funding sources and all years):

<u>Source:</u>	<u>Time-frame</u>	<u>Amount</u>	<u>Notes</u>
State's stimulus	Q3/2009	\$1 million	Formative
Stimulus bill (DoE)	Q4/2009	\$5 million	Initial seed funding
Industry funding #1	Q1/2010	\$12 million	Ability to scale in OR
<i>This request</i>	<i>Q4/2010</i>	<i>\$44 million</i>	<i>Ability to bring in significant industry \$s from outside OR</i>
Industry funding #2	Q1/2011	\$38 million	Investment in tech / companies
Industry funding #3	Q1/2012	\$87 million	Continue: 1000+ jobs
Industry funding #4	Q1/2013	\$114 million	Continue: 4550+ jobs

b. Amount being requested for this project in Fiscal Year 2010: \$44 million

c. What other funding sources (local, regional, state) are contributing to this project or activity? (Please provide specific dollar amount or percentage.)

Please see #11a. A bulk is intended to come from the energy-production industry.

d. Do you expect to request federal funding in future years for this project? No

e. Breakdown/budget of the amount you are requesting for this project in FY 2010.

(e.g. salary \$40,000; computer \$3,000):

Detailed financials have been developed. This is not a small level of funding. It is a quantum step in how Oregon attracts industry capital from (mainly) outside Oregon, which uses that capital to develop clean technologies, builds companies within Oregon, creates and then retains high-paying, "green" jobs... with headquarters, here - and helps propel Oregon past the "small business, nice-to-visit" state, to *the* leader in renewable energy technology commercialization.

f. Please list public or private organizations that have supported/endorsed this project:

Organization:	<u>SARA, Inc.</u>
Contact:	Jim Wes
Telephone:	714-224-4410
Organization:	<u>Capital Connection</u>
Contact:	Ty Planz
Telephone:	503-961-2098
Organization:	<u>PUSH Consulting</u>
Contact:	Michael Coates
Telephone:	503-780-3945
Organization:	<u>New Views for Leadership</u>
Contact:	Dixie Lee Samuels
Telephone:	503-805-5900
Organization:	<u>Management Contract Services</u>
Contact:	Patrick Wheeler
Telephone:	503-645-1645
Organization:	<u>RH Consulting</u>
Contact:	Roger Hicks
Telephone:	503-807-7627
Organization:	<u>Oregon Technology Business Center</u>
Contact:	Steve Morris, Executive Director
Telephone:	971-223-4660
Organization:	<u>PNGC Power</u>
Contact:	Kevin Watkins, Vice President
Telephone:	503-288-1234
Organization:	<u>Enventure, Inc.</u>
Contact:	Chuck Wagner
Telephone:	503-628-0699
Organization:	<u>Brookfield Asset Management</u>
Contact:	Dr. Fred Buckman
Telephone:	360-597-4690
Organization:	<u>Cornerstone Management</u>
Contact:	Dennis Powers
Telephone:	503-292-3513
Organization:	<u>Tau Science</u>
Contact:	Dr. Greg Horner
Telephone:	503-828-1375

g. Is this project scalable? (i.e. if partial funding is awarded, will the organization be able to use the funds in FY 2010?):

Absolutely.

Please return this form *no later* than February 13, 2009 (via email) to:

Kris Pratt

Office of Congressman David Wu (OR-1)

Email: kris.pratt@mail.house.gov

Phone: 202-225-0855 / Fax: 202-225-9497